



RAN-5843

MCA Sem V Examination

March / April - 2019

503 : Adv Java Programming

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

MCA Sem V

Name of the Subject :

503 : Adv Java Programming

Subject Code No.:

5

8

4

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Seat No.:

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Student's Signature

Q.1 Attempt any two.

[14]

1. Which are JSP inbuilt objects? Explain Request and Response objects and its methods.
2. List various session management techniques. Explain how you can manage session information with cookies.
3. What is connection pooling? Explain it with .example. List its advantages.

Q 2 Attempt any two.

[14]

1. Discuss JDBC Connection and Statement object with example.
2. What is Java Bean? Give syntax of JAR command line utility with its various options.
3. How can we execute parameterized query with prepared statement? Explain.

Q 3 Attempt any two.

[14]

1. Write JSP code that to store student record in MySQL database using Java Beans.
2. Write a java servlet that to check given number is prime or not.
3. Write JSP code to display 20th record till 10th record including both with ResultSet.

RAN-5843]

[1]

[P.T.O.]

Q 4 Attempt any two.

[14]

1. What is Session beans? Write a note on session beans and its types.
2. Explain importance of web.xml and its various sections.
3. What is J2EE? List and discuss various J2EE technologies.

Q 5 **Attempt any two.**

[14]

1. List and Compare various J2EE servers and their features. How they are different from web servers?
2. Explain file upload in JSP giving example.
3. Discuss XML and XML Schema. How would you read xml file in Java?
